

Service Campaign Bulletin

FILE: SERVICE: GROUP 00 OF SERVICE INFORMATION BINDER
PARTS: GROUP I OF INFORMATION _ PARTS & ACCESSORIES BINDER

Campaign No. 2005100013
October 2005

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **MODELS 171/203/209/211 WITH M272, MODEL YEAR 2006
FLASH TRANSMISSION CONTROL MODULE**

This Service Campaign has been initiated because DCAG has determined that on the affected vehicles (see VIN range on the following page) installing a modified version of software into the automatic transmission (722.9) control module using DAS version 09/05 or higher will improve the shifting characteristic of the transmission.

In the interest of customer satisfaction, MBUSA requests that this service campaign be performed on affected MY 2006 vehicles in your inventory, as indicated in VMI. An affected vehicle should not be retailed until it has been properly repaired. If any of these vehicles have been retailed, please contact the customer to install this update.

Prior to performing this Service Campaign:

- Please check VMI to insure the vehicle is involved and to determine if the vehicle has been previously repaired.
- Please review the entire Service Campaign bulletin.

Approximately 2714 vehicles are affected.

Order No. P-SC-2005100013

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

Effective Serial Number Range

Models	Chassis End Number	
	From	To
171.454	F075748	F091192
171.456	F080862	F091200
203.052	A813418	A847021
	F688986	F742694
203.054	A813522	A847004
	F686766	F742059
203.056	F689007	F742519
209.356	F165793	F173514
209.456	F166128	F173935
211.056	A809575	A865293
211.256	A824107	A864504

Note:

Every vehicle in the VIN range may not be included in the campaign. VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. VMI **always** overrides the bulletin in reference to a specific vehicle's inclusion in a particular campaign. Please also note that Recalls and Service Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Procedure

Note:

Prior to starting the procedure, ensure that **DAS Version 09/05** or higher is being used.

1. Connect battery charger; ensure battery voltage is above 12.5 V.

CAUTION!

When connecting battery charger, ensure all accessories are switched off.

2. Connect Star Diagnosis.
3. Flash transmission control unit software **from hard drive** via DAS: Select Vehicle/Control units/Drive/Transmission/Control unit adaptations/Control module programming/Flash from hard disk; follow on-screen instructions.

Note:

The DAS steps must be followed exactly as described.

4. Read out and erase fault memory.
5. Perform SCN coding; refer to **S-B-58.00/144 for Online SCN coding**, or to **S-B-07.61/38 for Office SCN coding**.
6. Check and erase fault codes and event memory.

Note:

- The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information

Operation: Battery Charger, Connect/Disconnect (02-5017)
 STAR Diagnosis System (SDS), Connect/Disconnect (02-4762)
 Software – Transmission Control Unit, Install (02-5081)
 Control Unit (with SDS connected), Code (02-5382)
 Fault Memory (with SDS connected), Read Out/Eraser (02-5059)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
54 970 07 8	02-5017	0.1 hrs.	Q6, Q7, Q9, S7, S8, T7, U6, X1, X3
	02-4762	0.2 hrs.	Q6, Q7, Q9, S7, S8, T7, U6, X1, X3
	02-5081	0.2 hrs.	Q6, Q7, Q9, S7, S8, T7, U6, X1, X3
	02-5382	0.2 hrs.	Q6, Q7, Q9, S7, S8, T7, U6, X1, X3
	02-5059	0.2 hrs.	Q6, Q7, Q9, S7, S8, T7, U6, X1, X3